

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16471	428/35.8 428/212 428/216 204/192.12	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 10:22
L2	11	((TAKUJI) near2 (HIGASHIOJI)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/20 10:22
L3	23	((TETSUYA) near2 (TSUNEKAWA)). INV.	US-PGPUB; USPAT	OR	ON	2009/08/20 10:22
L4	7	((TETSUYA) near2 (MACHIDA)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/20 10:22
L5	9	((YUKARI) near2 (NAKAMORI)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/20 10:22
L6	16494	L1 L2 L3 L4 L5	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 10:22
L7	16494	L6	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/20 10:22
L8	16494	L7	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2009/08/20 10:22
S1	1	"20070065648".did.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2008/01/08 10:51
S2	0	10-24542.did.	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/01/22 10:15
S3	2	WO-2004060656-\$ DID. OR JP- 1024542-\$ DID. OR JP-20019977-\$. DID. OR WO-01016229-\$ DID. OR JP- 200271913-\$ DID. OR JP-2003136619- \$ DID.	DERWENT	OR	ON	2008/07/11 08:02
S4	1	"4539256".pn.	DERWENT	OR	ON	2008/07/11 08:27
S5	1	"4867881".pn.	DERWENT	OR	ON	2008/07/11 08:29
S6	2	S4 S5	DERWENT	OR	ON	2008/07/11 08:29
S7	799	(microporous near film).ab.	DERWENT	OR	ON	2008/07/11 08:29
S8	10	(microporous near film).ab. and liquid near crystal	DERWENT	OR	ON	2008/07/11 08:29
S9	2	"4539256".pn. or "4867881".pn.	US-PGPUB; USPAT	OR	ON	2008/07/11 08:31

S10	118	("3214501" "3309841" "3640829" "3679540" "3709774" "3870593" "3953566" "3962153" "4096227" "4100238" "4110392" "4187390" "4194041" "4197148" "4206980" "4220543" "4247498" "4377616" "4466931" "4482514" "4515909" "4539256" "4564488" "4613441").PN. OR ("4867881").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 08:31
S11	234	("3201364" "3214501" "3539374" "3640829" "3679540" "3793060" "3870593" "3953566" "3962153" "4096227" "4100238" "4110392" "4187390" "4194041" "4197148" "4206980" "4247498").PN. OR ("4539256").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 08:31
S12	279	S10 S11	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 08:31
S13	12	S12 and liquid near crystal	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 08:31
S14	2	(microporous near film).ab. and polyethyleneterephthalate	DERWENT	OR	ON	2008/07/11 09:02
S15	65272	(microporous near film).ab. and polyethylene terephthalate	DERWENT	OR	ON	2008/07/11 09:02
S16	18	(microporous near film).ab. and polyethylene near terephthalate	DERWENT	OR	ON	2008/07/11 09:02
S18	0	(microporous near film).ab. and polyester and aromatic near oxycarbonyl	DERWENT	OR	ON	2008/07/11 09:03
S19	0	"liquid crystal polyester" and (microporous near film).ab.	DERWENT	OR	ON	2008/07/11 09:04
S20	10	"liquid crystal" and (microporous near film).ab.	DERWENT	OR	ON	2008/07/11 09:05
S21	58	crystal\$5 and (microporous near film).ab.	DERWENT	OR	ON	2008/07/11 09:05
S22	2	"liquid crystal" and (microporous near film).ab.	US-PGPUB; USPAT	OR	ON	2008/07/11 09:06
S23	66	"liquid crystal" and (porous near film).ab.	US-PGPUB; USPAT	OR	ON	2008/07/11 09:06
S24	20	"liquid crystal" and (porous near film).ab. not display	US-PGPUB; USPAT	OR	ON	2008/07/11 09:07
S25	1663	liquid near crystal near polyester	US-PGPUB; USPAT	OR	ON	2008/07/11 09:09
S26	4	liquid near crystal near polyester and (porous near film).ab.	US-PGPUB; USPAT	OR	ON	2008/07/11 09:09
S27	66	liquid near crystal and (porous near film).ab.	US-PGPUB; USPAT	OR	ON	2008/07/11 09:25
S28	3	PHB and (porous near film).ab.	US-PGPUB; USPAT	OR	ON	2008/07/11 09:39
S29	0	p-hydrobenzoic and (porous near film).ab.	US-PGPUB; USPAT	OR	ON	2008/07/11 09:40
S30	0	hydrobenzoic and (porous near film).ab.	US-PGPUB; USPAT	OR	ON	2008/07/11 09:40

S31	3	p-hydroxybenzoic and (porous near film).ab.	US-PGPUB; USPAT	OR	ON	2008/07/11 09:40
S32	0	"00340036".ap.	US-PGPUB; USPAT	OR	ON	2008/07/11 09:49
S33	1	"00340036"	US-PGPUB; USPAT	OR	ON	2008/07/11 09:50
S34	11	"340036"	US-PGPUB; USPAT	OR	ON	2008/07/11 09:50
S35	44	("2212772" "2214442" "2323383" "2856636" "2996466" "3029226" "3037956" "3386795" "3446758" "3536796" "3719727" "3951920" "3957905" "4182582" "4196066" "4220563" "4247498" "4291152" "4331800" "4351936" "4386174" "4416839" "4419308").PN. OR ("4517315").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 09:55
S36	10126	oxycarbonyl	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 09:59
S37	1	"4419308".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 10:20
S38	1	"4377616".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 10:51
S39	406	(porous and laminate).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 10:53
S40	16	(porous and laminate).ab. and aromatic near polyester	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 11:06
S41	3	(porous and laminate).ab. and biaxial \$4 near stretch	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 11:07
S42	19	(porous and laminate).ab. and biaxial \$4 near stretch\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 11:08
S43	1	(porous and laminate).ab. and biaxial \$4 near stretch\$4 and release near layer	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 11:09
S44	208	("3697367" "3783088" "3795720" "3841943" "3870593" "4118438" "4163080" "4221697" "4259412" "4303708" "4342811" "4345005").PN. OR ("4377616").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 11:10
S45	109	(porous and laminate).ab. and stretch \$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 11:18
S46	9074	(porous and layer).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 11:28
S47	65	(porous and layer).ab. and biaxial\$4 near stretch\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 11:29
S48	249	(porous and multilayer).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 12:40
S49	30	(porous and multilayer).ab. and stretch\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 12:46
S50	350	(membrane and laminate).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 12:56
S51	48	(membrane and laminate).ab. and stretching	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 12:56

S52	107	(membrane and laminate).ab. and stretch\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/11 12:59
S53	10	(porous and laminate).ab. and polyphenylene near sulfide	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/21 13:50
S54	9	(porous and multilayer).ab. and polyphenylene near sulfide	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/21 13:51
S55	0	"4377616".pn. and polyphenylene near sulfide	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/21 13:52
S56	94	(microporous near film).ab. and polyester	DERWENT	OR	ON	2008/07/21 13:53
S57	1	(microporous near film).ab. and polyester and polyphenylene near sulfide	DERWENT	OR	ON	2008/07/21 13:54
S58	6	(microporous near film).ab. and polyester and polyphenylene near sulfide	US-PGPUB; USPAT	OR	ON	2008/07/21 13:54
S59	0	"4416839".pn. and porous	US-PGPUB; USPAT	OR	ON	2008/07/21 14:07
S60	15665	428/35.8 428/212 428/216 204/192.12	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/21 15:09
S61	10	((TAKUJI) near2 (HIGASHIOJI)).INV.	US-PGPUB; USPAT	OR	ON	2008/07/21 15:09
S62	23	((TETSUYA) near2 (TSUNEKAWA)).INV.	US-PGPUB; USPAT	OR	ON	2008/07/21 15:09
S63	6	((TETSUYA) near2 (MACHIDA)).INV.	US-PGPUB; USPAT	OR	ON	2008/07/21 15:09
S64	9	((YUKARI) near2 (NAKAMORI)).INV.	US-PGPUB; USPAT	OR	ON	2008/07/21 15:09
S65	1	"4539256".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 13:06
S66	1	"4867881".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 13:12
S67	2	S65 or S66 and polyphenylene	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 13:13
S68	1	(S65 or S66) and polyphenylene	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 13:13
S69	237	("3201364" "3214501" "3539374" "3640829" "3679540" "3793060" "3870593" "3953566" "3962153" "4096227" "4100238" "4110392" "4187390" "4194041" "4197148" "4206980" "4247498").PN. OR ("4539256").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 13:40
S70	66454	terephthalate and crystal\$7	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 14:01
S71	9272	terephthalate with crystal\$7	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 14:01
S72	1313	terephthalate with crystal\$7 and (porous or microporous)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 14:02
S73	4	terephthalate with crystal\$7 and (porous or microporous) and (crystallization near3 (phase-separat\$4 or (phase near separat\$4)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 14:04

S74	1	"5866246".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 14:09
S75	224	(porous or microporous) and (crystallization near3 (phase-separat \$4 or (phase near separat\$4)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 14:25
S76	70	(porous or microporous) and (crystallization near3 (phase-separat \$4 or (phase near separat\$4))) and terephthalate	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 14:25
S77	0	cryst\$7 near polyester and non near cryst\$7 near polyester	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 15:12
S78	0	non near crystl\$7 near polyester	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 15:12
S79	0	non near crystl\$7 near3 polyester	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 15:12
S80	2	liquid near crystal near polyester and immiscible near polyester	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/06 15:13
S81	3	liquid near crystal near polyester and (immiscible or incompatible) near polyester	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 07:25
S82	0	liquid near crystal near polyester same aromatic near oxycabonyl	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 07:37
S83	0	(liquid near crystal near polyester) same (aromatic near oxycabonyl)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 07:37
S84	0	(liquid near crystal near polyester) same (oxycabonyl)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 07:37
S85	93	(liquid near crystal near polyester) same p-hydroxybenzoic	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 07:38
S86	0	(liquid near crystal near polyester) same p-hydroxybenzoic same example same terephthalate	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 07:38
S87	31	(liquid near crystal near polyester) same p-hydroxybenzoic same terephthalate	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 07:38
S88	1	"6268961".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 09:23
S89	1	"5830940".pn. and (liquid near crystal near polyester) same p- hydroxybenzoic same terephthalate	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 09:39
S90	9	("20010003610" "20020081423" "3687701" "4377616" "4419308" "4966807" "6268961" "6605324"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 09:58
S91	15888	428/35.8 428/212 428/216 204/192.12	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 10:04
S92	10	((TAKUJI) near2 (HIGASHIOJI)).INV.	US-PGPUB; USPAT	OR	ON	2008/11/07 10:04
S93	23	((TETSUYA) near2 (TSUNEKAWA)). INV.	US-PGPUB; USPAT	OR	ON	2008/11/07 10:04
S94	6	((TETSUYA) near2 (MACHIDA)).INV.	US-PGPUB; USPAT	OR	ON	2008/11/07 10:04
S95	9	((YUKARI) near2 (NAKAMORI)).INV.	US-PGPUB; USPAT	OR	ON	2008/11/07 10:04

S96	15910	S91 S92 S93 S94 S95	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 10:04
S97	1	"6136420".pn.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2009/04/20 16:29
S98	5	("4871784" "5045384").PN. OR ("6136420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/20 16:56
S99	40	("3903234" "4814124").PN. OR ("4871784").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/20 16:58
S100	30	"6590705"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 10:29
S101	1	"6590705".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 10:29
S102	10	porous near film and immiscible with resin and stretch\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 10:37
S103	1	"6136420".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 10:39
S104	5	("4871784" "5045384").PN. OR ("6136420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 10:39
S105	4	("4857396" "4871784").PN. OR ("5045384").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 10:42
S106	25	("3755499").PN. OR ("4857396"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 10:45
S107	1	"6331343".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 11:21
S108	68	("2532011" "2607711" "3318852" "3470594" "3473206" "3500626" "3502497" "3565985" "3695025" "3773608" "4134951" "4241198" "4330499" "4377616" "4425402" "4595738" "4675582" "4701369" "4728571" "4825111" "4853602" "4921652" "4929029" "5032460" "5036262" "5051225" "5072493" "5202190" "5214119" "5290615" "5356706" "5389324" "5427842" "5589122" "5594070" "5599602" "5660922" "5709651" "5750630" "5770144" "5811493" "5861213" "5910277" "5945215" "5945221" "6124058").PN. OR ("6331343"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 11:21
S109	73	paper near synthetic and crystal\$5 near polyester	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:06
S110	58558	crystal\$5 with increase	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:15
S111	0	"increase the amount of crystalline"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:15
S112	0	"increase the crystallinity"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:16
S113	0	"the crystallinity"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:16
S114	0	"increase the amount of crystalline"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:16

S115	1986	"crystaline"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:16
S116	0	"the crystalline"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:16
S117	384996	"crystalline"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:16
S118	4	"the crystalline"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:16
S119	0	"amount of crystalline"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:16
S120	249	increase near3 amount near crystal\$5	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:17
S121	2	increase near3 amount near crystal\$5 near (polymer or polyester)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:17
S122	12	synthetic near paper and liquid near crystal\$4 near polyester	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:20
S123	219	liquid near crystal\$4 near polyester and immiscible	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:26
S124	108	liquid near crystal\$4 near polyester and immiscible and (void or cell)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:26
S125	1	"5981007".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:34
S126	44	("3637595" "3847867" "3847869" "3850885" "3852242" "3855178" "3916048" "3962314" "3975487" "3987220" "4141927" "4161470" "4250279" "4256624" "4386174" "4410482" "4416942" "4417044" "4438236" "4444817" "4460735" "4565850" "4567227" "4652490" "4726998" "4728698" "4738811" "4792476" "4798875" "4835047" "4845169" "4871817" "5156785" "5188784" "5248305").PN. OR ("5981007").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 12:34
S127	1	"6136420".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 13:20
S128	16218	428/35.8 428/212 428/216 204/192.12	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 14:41
S129	10	((TAKUJI) near2 (HIGASHIOJI)).INV.	US-PGPUB; USPAT	OR	ON	2009/04/21 14:41
S130	23	((TETSUYA) near2 (TSUNEKAWA)). INV.	US-PGPUB; USPAT	OR	ON	2009/04/21 14:41
S131	6	((TETSUYA) near2 (MACHIDA)).INV.	US-PGPUB; USPAT	OR	ON	2009/04/21 14:41
S132	9	((YUKARI) near2 (NAKAMORI)).INV.	US-PGPUB; USPAT	OR	ON	2009/04/21 14:41
S133	16240	S128 S129 S130 S131 S132	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 14:41
S134	16240	S133	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 14:41

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